ÖLFLEX® CLASSIC 110 ORANGE

Space-saving installation due to small cable diameters; High electrical performance due to 4 kV test voltage

- For warning purposes and for exempted circuits according to EN 60204-1, e.g. circuits for maintenance or interlocking circuits

CE

RoHS

Product description

Application range

- According to EN 60204-1 (VDE 0113-1), conductors of control circuits that are supplied by an external power source and/or remain live when the main switch is deactivated must be orange
- Electrical lighting and socket circuits for maintenance or repair purposes
- Undervoltage protection circuits
- Interlocking control circuits
- Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)

Benefits

- Space-saving installation due to small cable diameters
- High electrical performance due to 4 kV test voltage

Product Make-up

- Fine-wire strand made of bare copper wires

- PVC insulation LAPP P8/1
- Orange cores with black numbers
- PVC outer sheath, orange (RAL 2003)

Norm references / Approvals

- Based on IEC 60227-5 and EN 50525-2-51

Product features

- Flame-retardant according IEC 60332-1-2

Technical Data

Core identification code	Orange cores with black numbers
Classification	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Conductor stranding	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Torsion movement in WTG	TW-0 & TW-1, refer to Appendix T0
Minimum bending radius	Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	U_0/U: 300/500 V
Test voltage	4000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C